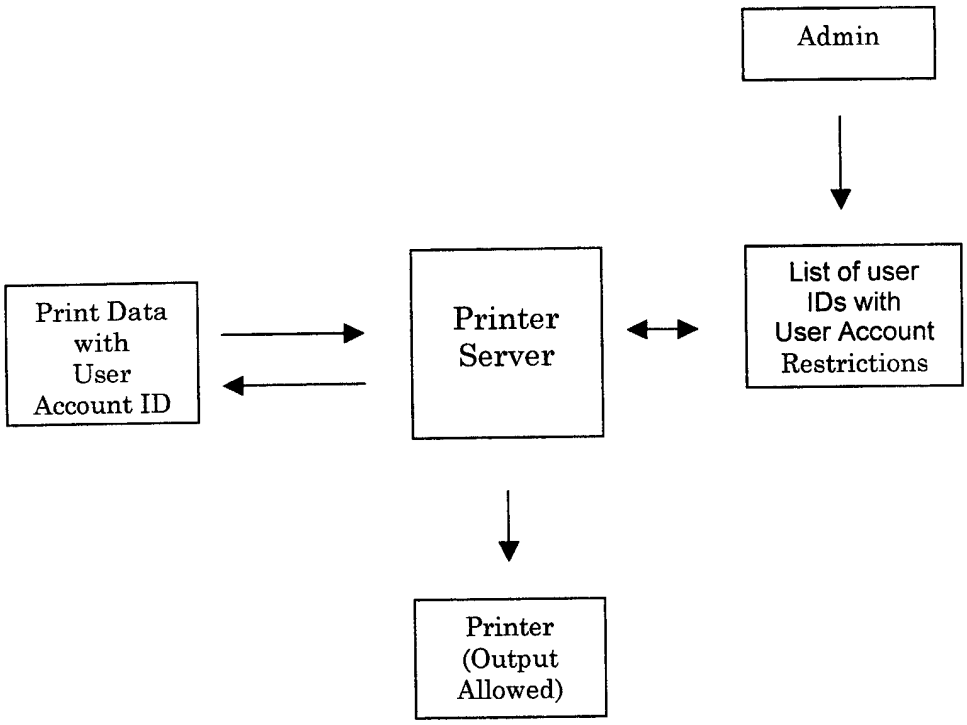
Fig. 1 (prior art)


Admin
Print Data with User Account ID
Printer Server
List of user IDs with User Account Restrictions
Printer (Output Allowed)

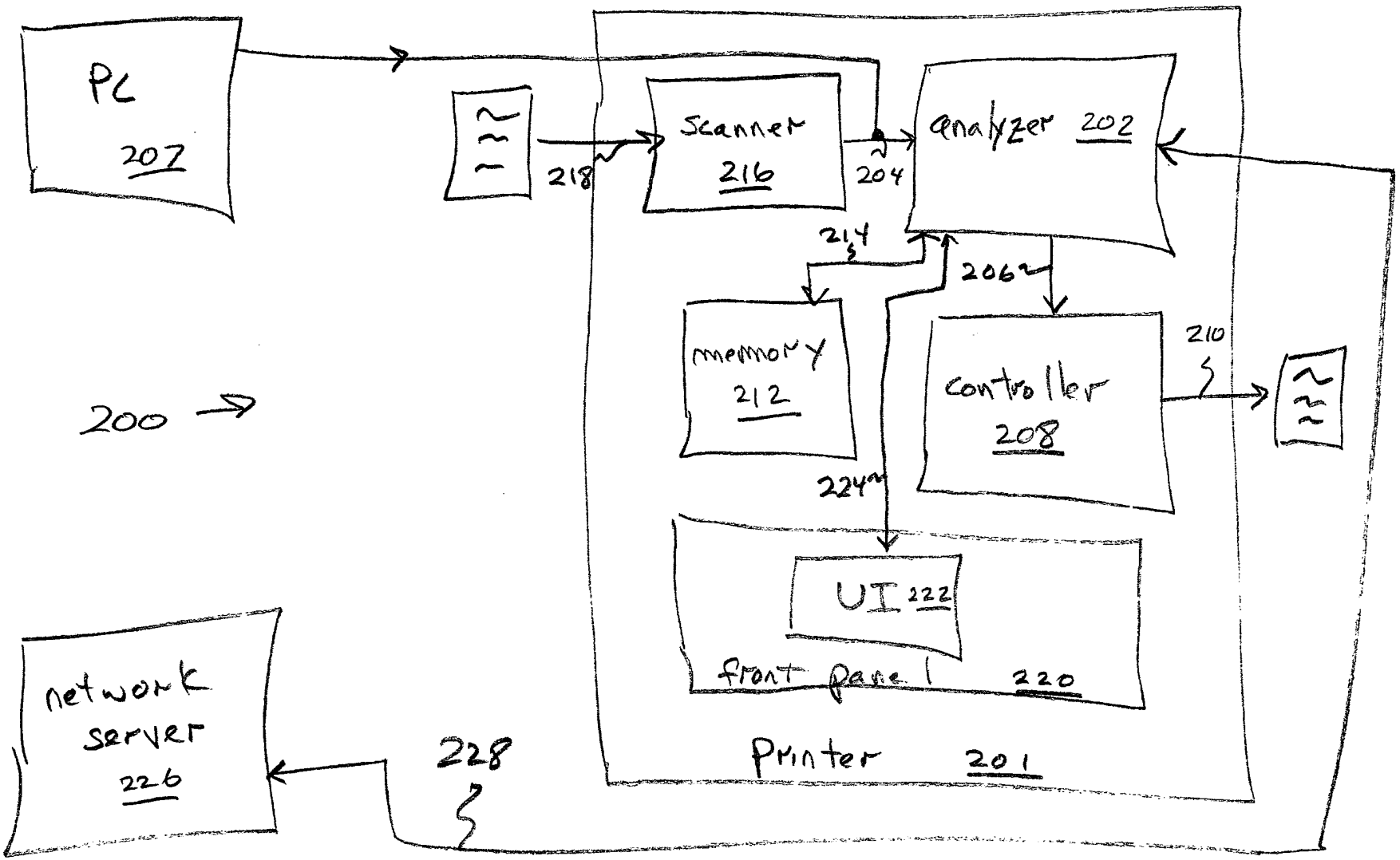
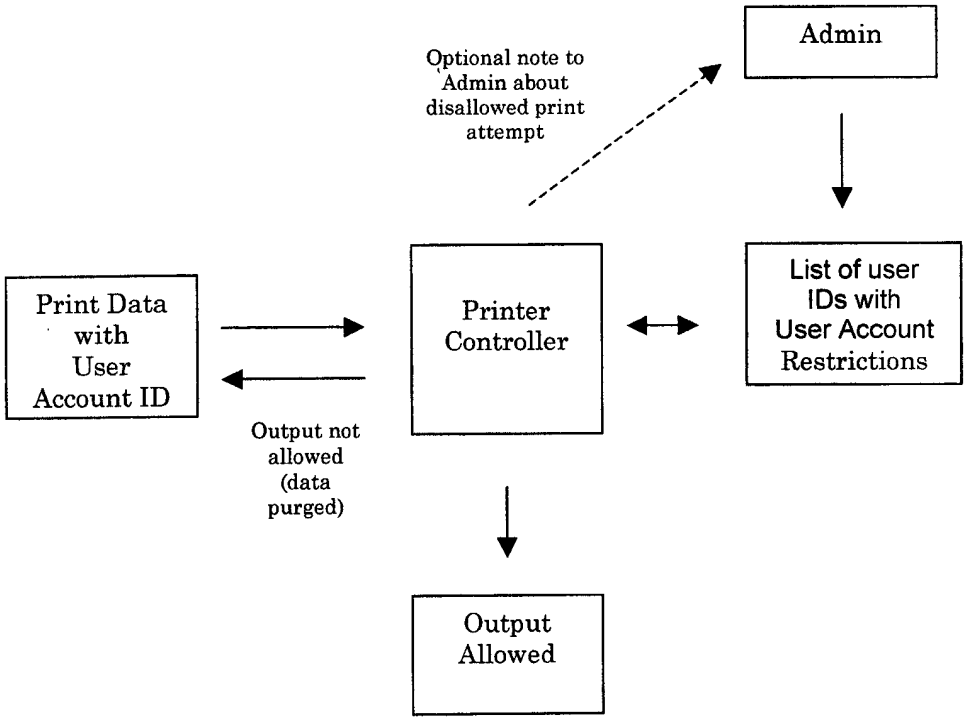

PC
207
218
Scanner
216
204
analyzer 202
214
206
memory
212
controller
208
210
200
224
UI 222
front panel 220
network
server
226
228
Printer 201

Fig. 2

User	Restricted Attributes	content restrictions	QUOTA Restrictions
Bob	color photo paper		
Mary	document content	"Project xyz" "resume"	
Jim	Physical watermark "JKL" digital watermark "123"		
Jill	color		100 sheets

Fig. 3

Fig. 4


Admin
Optional note to Admin about disallowed print attempt
Print Data with User Account ID
Printer Controller
List of user IDs with User Account Restrictions
Output not allowed (data purged)
Output Allowed

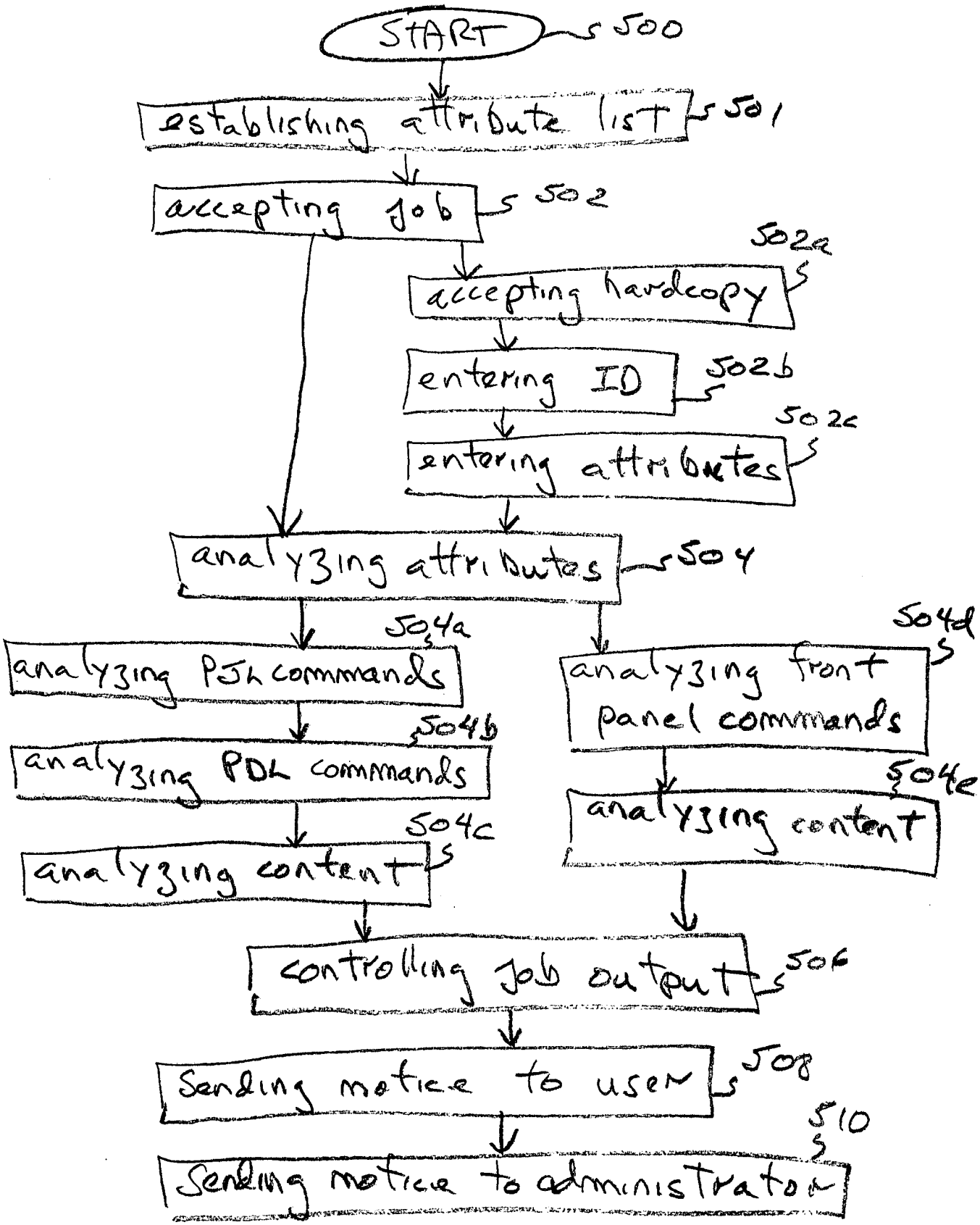

START
500
establishing attribute list
501
accepting job
502
502a
accepting hardcopy
entering ID
502b
entering attributes
502c
analyzing attributes
504
504a
analyzing PJL commands
analyzing PDL commands
504b
analyzing content
504c
504d
analyzing front panel commands
analyzing content
504e
controlling job output
506
sending notice to user
508
510
sending notice to administrator

Fig. 5